



Attorney's Document No.: 07917-105001 / UMMC 00-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Craig C. Mello et al.

Serial No. : 09/689,992

Filed : October 13, 2000

Title : RNA INTERFERENCE PATHWAY GENES AS TOOLS FOR TARGETED GENETIC INTERFERENCE

Art Unit : 1656

Examiner : T. Strzelecka

1656  
Box-Seq  
RECEIVED

JUN 26 2001

TECH CENTER 1600/2900

**BOX SEQUENCE**

Commissioner for Patents  
Washington, D.C. 20231

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE AND/OR AMINO ACID SEQUENCES

In response to the communication dated May 17, 2001 (copy enclosed), applicant submits herewith a Sequence Listing in computer readable form as required by 37 CFR §1.824. In addition, applicant submits an initial Sequence Listing as required under 37 CFR §1.823(a) and a statement under 37 CFR §1.821(f).

Applicant respectfully requests entry of the paper copy and computer readable copy of the Sequence Listing filed herewith for the instant application. Please insert the Sequence Listing following the Oath/Declaration. Furthermore, applicant requests entry of the following amendments.

In the specification:

Replace the paragraph beginning at page 7, line 30, with the following rewritten paragraph:

Figure 4B is an illustration of the predicted sequence of RDE-1 and its alignment with four related proteins. The sequences are RDE-1 (*C. elegans*; Genbank Accession No. AF180730; SEQ ID NO:3), F48F7.1 (*C. elegans*; Genbank Accession No. Z69661; SEQ ID

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

Signature

Typed or Printed Name of Person Signing Certificate

6/18/01

Carla F. O'Fodile

Carla F. O'Fodile

at  
sub  
C3